

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20040146167"	US-PGPUB; USPAT	OR	ON	2007/04/16 08:22
L2	1	"20050089177"	US-PGPUB; USPAT	OR	ON	2007/04/16 08:40
L3	1	"20050089177"	US-PGPUB; USPAT	OR	ON	2007/04/16 08:43
L4	1	"20020137995"	US-PGPUB; USPAT	OR	ON	2007/04/16 09:40
L5	1	"20020158604"	US-PGPUB; USPAT	OR	ON	2007/04/16 10:29
L6	85	(relay near coil\$1) and ("381"/\$. ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/16 09:47
L7	80	6 and (@ad<"20031014")	US-PGPUB; USPAT	OR	ON	2007/04/16 09:48
L8	3	"6968063"	US-PGPUB; USPAT	OR	ON	2007/04/16 10:30
L9	4	(volume\$1 near predict\$4) and ((381/104-107.ccls.) or (381/86.ccls. ) or (381/56-57.ccls.))	US-PGPUB; USPAT	OR	ON	2007/04/16 11:22
L10	1	"20020097884"	US-PGPUB; USPAT	OR	ON	2007/04/16 11:22
L11	164	((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (regression or outlier\$1 or extrapolat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
L12	47	L11 and ((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (linear near regression\$1)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:26
L13	1	L12 and (closest near (data near point\$1))	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
L14	164	((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (regression or outlier\$1 or extrapolat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
L15	1	L14 and (closest near (data near point\$1))	US-PGPUB; USPAT	OR	ON	2007/04/16 11:27
L16	1	L14 and (closest with (data near point\$1))	US-PGPUB; USPAT	OR	ON	2007/04/16 11:28
L17	164	((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (regression\$1 or outlier\$1 or extrapolat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/16 11:28

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L18	6	L14 and (closest with (data))	US-PGPUB; USPAT	OR	ON	2007/04/16 11:28
S1	2042	(381/104-109,86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:53
S2	1537	S1 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 14:54
S3	37	S2 and ((volume\$1 or sound\$1) with ( intelligent\$1 or smart\$3 or predict\$3 or statistic\$3))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:46
S4	28	"5666426"	US-PGPUB; USPAT	OR	ON	2007/04/13 14:18
S5	18	("5081682"   "5434922"   "5450494").PN. OR ("5666426"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/13 14:19
S6	38	"5450494"	US-PGPUB; USPAT	OR	ON	2007/04/13 14:29
S7	11	(381/56-57)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:30
S8	590	(381/56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:30
S9	39	S8 and ((volume\$1 or sound\$1) with ( intelligent\$1 or smart\$3 or predict\$3 or statistic\$3))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:47
S10	21	S9 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 14:47
S11	8	(US-20050059369-\$ or US-20020150262-\$ or US-20020057808-\$ or US-20020150258-\$).did. or (US-7190292-\$ or US-6970570-\$ or US-5666426-\$ or US-5450494-\$). did.	US-PGPUB; USPAT	OR	ON	2007/04/13 14:43
S12	7	S11 and (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:44
S13	3	S12 and (predict\$3 or statistic\$4 or regression or extrapolation\$1)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:46
S14	11722	((volume\$1 or sound\$1) with ( intelligent\$1 or smart\$3 or predict\$3 or statistic\$3))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:46
S15	10491	S14 and (predict\$3 or statistic\$4 or regression or extrapolation\$1)	US-PGPUB; USPAT	OR	ON	2007/04/13 14:47
S16	1218	S15 and ( statistic\$4 and ( regression or extrapolation\$1))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:47
S17	820	S16 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 15:46

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S18	154	S17 and ((volume\$1 or sound\$1) with ( modif\$4 or adjus\$3))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:48
S19	2519	(381/104-109,86,56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/13 16:29
S20	1875	S19 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 15:00
S21	102	S19 and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5))	US-PGPUB; USPAT	OR	ON	2007/04/13 15:44
S22	165	S19 and ((volume\$1 or sound\$1) same (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5))	US-PGPUB; USPAT	OR	ON	2007/04/13 14:57
S23	125	S22 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 15:00
S24	5	"5677860"	US-PGPUB; USPAT	OR	ON	2007/04/13 15:39
S25	7	"5677960"	US-PGPUB; USPAT	OR	ON	2007/04/13 15:39
S26	146	S19 and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) and (noise\$1 or speed\$1 or engine\$1)	US-PGPUB; USPAT	OR	ON	2007/04/13 15:46
S27	670	("381"/\$.ccls.) and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) and (noise\$1 or speed\$1 or engine\$1)	US-PGPUB; USPAT	OR	ON	2007/04/13 15:59
S28	485	S27 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 16:21
S29	25672	((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) and (noise\$1 or speed\$1 or engine\$1 or sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2007/04/13 16:00
S30	19095	S29 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 16:00
S31	391	S30 and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) same (regression or extrapolat\$3 )	US-PGPUB; USPAT	OR	ON	2007/04/13 16:01
S32	391	S31 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 16:01
S33	696	(381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/13 16:21

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S34	541	S33 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/13 16:22
S35	488	S34 and (volume\$1 or sound\$1)	US-PGPUB; USPAT	OR	ON	2007/04/13 16:22
S36	55	S35 and (381/104-109,56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/13 16:38
S37	55	35not S36	US-PGPUB; USPAT	OR	ON	2007/04/13 16:39
S38	433	S35 not S36	US-PGPUB; USPAT	OR	ON	2007/04/13 16:44
S39	7	"6169807"	US-PGPUB; USPAT	OR	ON	2007/04/13 16:44
S40	1	"20050089177"	US-PGPUB; USPAT	OR	ON	2007/04/14 14:58
S41	1	"20020097884"	US-PGPUB; USPAT	OR	ON	2007/04/14 15:11
S42	696	(381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:11
S43	78	S42 and (381/104-109,56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:16
S44	56	S43 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 15:24
S45	34	S44 and (noise\$1 or window or speed\$1) and ((volume\$1 or sound\$1) with (controll\$3 or adjust\$3 or modif\$4))	US-PGPUB; USPAT	OR	ON	2007/04/14 15:14
S46	2519	S42 or (381/104-109,56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:16
S48	2519	(381/104-109,86,56-57.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:17
S49	146	S48 and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) and (noise\$1 or speed\$1 or engine\$1)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:17
S50	146	S46 and ((volume\$1 or sound\$1) with (predict\$6 or anticipat\$3 or foretell\$3 or statistic\$5 or estimat\$3)) and (noise\$1 or speed\$1 or engine\$1)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:17
S51	109	S50 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 15:44

## EAST Search History

S52	23	("3889059"   "4715063"   "4829565"   "4847897"   "4891837"   "4908855"   "5297198"   "5341456"   "5414796"   "5467393"   "5528695"   "5532649"   "5553134"   "5566201"   "5732390"   "5790671"   "5794187"   "5872852"   "5963901"   "5966438").PN. OR ("6744882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/14 15:43
S53	38	(S49 or S50 or S51 or S52) and (381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 15:43
S54	27	S53 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 15:56
S55	9	"4944018"	US-PGPUB; USPAT	OR	ON	2007/04/14 15:49
S56	16	"5208866"	US-PGPUB; USPAT	OR	ON	2007/04/14 15:49
S57	18	("1661135"   "20030114214"   "20040029637"   "4628526"   "5070527"   "5077799"   "5208866"   "5450494"   "5530761"   "5666426"   "5778077"   "5907823"   "6091826"   "6360187"   "6561908"   "6638169"   "6739973").PN. OR ("6968063").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/14 15:56
S58	16	S57 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 16:03
S59	28	(US-20050059369-\$ or US-20020150262-\$ or US-20020057808-\$ or US-20020150258-\$ or US-20050063552-\$ or US-20020172372-\$ or US-20020159608-\$ or US-20020141600-\$ or US-20020097884-\$ or US-20040258254-\$ or US-20040042624-\$ or US-20050213776-\$).did. or (US-7190292-\$ or US-6970570-\$ or US-5666426-\$ or US-5450494-\$ or US-6275590-\$ or US-6360187-\$ or US-6859539-\$ or US-6778672-\$ or US-6744882-\$ or US-7023984-\$ or US-6988068-\$ or US-5872852-\$ or US-6674865-\$ or US-4944018-\$ or US-5734987-\$ or US-6968063-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/14 16:03
S60	23	(381/57.ccls.) and (381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 16:36

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S61	19	S60 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 16:39
S62	9	("4944018"   "5361305"   "5635903"   "5802184"   "5872852"   "6040761").PN. OR ("6674865"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/14 16:03
S63	18	("1661135"   "20030114214"   "20040029637"   "4628526"   "5070527"   "5077799"   "5208866"   "5450494"   "5530761"   "5666426"   "5778077"   "5907823"   "6091826"   "6360187"   "6561908"   "6638169"   "6739973").PN. OR ("6968063"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/14 16:35
S64	39	(381/56-57.ccls.) and (381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 16:38
S65	16	(speed\$1 and window and GPS and noise\$1) and (381/86.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 16:39
S66	12	S65 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 17:34
S67	273	((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (regression or average or outlier\$1 or extrapolat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/14 17:35
S68	180	S67 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 17:35
S69	164	((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (regression or outlier\$1 or extrapolat\$3)	US-PGPUB; USPAT	OR	ON	2007/04/14 17:55
S70	100	S69 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 17:59
S71	0	S70 and ("381"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/04/14 17:41
S72	5	S70 and (sound\$1 and (speaker\$1 or audio))	US-PGPUB; USPAT	OR	ON	2007/04/14 17:42
S73	47	S69 and ((data near point\$1) with (statistic\$4 near (analyz\$3 or analysis))) and (linear near regression\$1)	US-PGPUB; USPAT	OR	ON	2007/04/14 17:56
S74	31	S73 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 18:08
S75	28	S74 and (predict\$3)	US-PGPUB; USPAT	OR	ON	2007/04/14 18:03

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S76	22	S75 and (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2007/04/14 18:04
S77	8	S73 and ((sens\$3 or detect\$3) with (condition\$1))	US-PGPUB; USPAT	OR	ON	2007/04/14 18:08
S78	4	S77 and (@ad<"20031023")	US-PGPUB; USPAT	OR	ON	2007/04/14 18:20
S79	1	"20050089177"	US-PGPUB; USPAT	OR	ON	2007/04/14 18:27
S80	2	"6859539"	US-PGPUB; USPAT	OR	ON	2007/04/14 18:28
S81	3	"6968063"	US-PGPUB; USPAT	OR	ON	2007/04/14 18:30
S82	1	"20020137995"	US-PGPUB; USPAT	OR	ON	2007/04/14 18:30